

Subject: INFO-HAMS Digest V89 #890  
To: INFO-HAMS@WSMR-SIMTEL20.ARMY.MIL

INFO-HAMS Digest                      Thu, 16 Nov 89                      Volume 89 : Issue 890

Today's Topics:

                    42 millihertz    (mHz)  
                    AR on TV, now celebrities  
          customer feedback to manufacturers - suggestion  
                    Emergency Communications  
                    FM Parasitics....  
                    INFO-HAMS Digest V89 #876  
                    TEST  
                    To QSL, or not to QSL?

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Date: Thu, 16 Nov 89 09:58:20 EST  
From: Robert Carpenter <rc@cmr.ncsl.nist.gov>  
Subject: 42 millihertz    (mHz)

\*\*\*\*\* Mounting Soapbox \*\*\*\*\*  
Where do you get a receiver for 42 millihertz (mHz) ? I didn't know that  
one could achieve enough bandwidth there for useful communication. etc. etc.  
\*\*\*\*\* Dismounting \*\*\*\*\*

Seriously, there are good reasons to use correct abbreviations for units, and  
mHz is an example. Though the poster likely MEANT MHz (megahertz), the  
posting specifically SAID something the poster DIDN'T MEAN.

Universally accepted multiplier prefixes for units are:

Factor	Prefix	Symbol	Example
10**12	tera	T	THz
10**9	giga	G	1 GHz    (1000 MHz)
10**6	mega	M	MHz
10**3	kilo	k	kHz
10**2	hecto	h	hg    100 grams
10**1	deca	da	dam    (decameter)
10**-1	deci	d	dl    deciliter
10**-2	centi	c	cm    centimeter    (re)
10**-3	milli	m	mm    millimeter
10**-6	micro	u (l.c. Greek mu)	uF    microfarad
10**-9	nano	n	nH    nanohenry
10**-12	pico	p	pF    picofarad
10**-15	femto	f	fW    femtowatt (FM rcvr sens)
10**-18	atto	a	am    attometer

You will note that multipliers of a million and greater have capital-letter

symbols. The common computer K multiplier is an unofficial indicator for 2\*\*10 times. M and G are used loosely in the computer world to mean 2\*\*20 and 2\*\*30.

As for the units themselves, the ordinary rule is that the spelled-out name of the unit is NOT capitalized. The abbreviation is capitalized ONLY IF THE UNIT IS NAMED FOR A PERSON.

W	James Watt	s	second
H	Joseph Henry	S	Siemens
Hz	Heinrich Hertz	F	Mike Faraday
V	Volta	A	Ampere
m	meter	g	gram
t	tonne (1 Mg, 1000 kg)	K	(Lord) Kelvin

As best I can tell, there aren't standard abbreviations for bit, baud, & byte. I'd like to see b, Bd, and by - but then, who cares what I'd like.

Bob W30TC

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Date: Thu, 16 Nov 89 09:06:10 -0800  
From: Doug Faunt N6TQS 415-688-8269 <faunt@cisco.com>  
Subject: AR on TV, now celebrities

The newest Newsline claims that Marlon Brando has had many different ham calls, and that a biographer is looking for people who may have had contacts with him. I looked up Brando on marvin, with no results. He probably has a real name that he has on his license.

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Date: 16 Nov 89 07:00:48 GMT  
From: cs.utexas.edu!mailrus!wuarchive!texbell!sequoia!attdso!ssc!tad@tut.cis.ohio-state.edu (Tad Cook)  
Subject: customer feedback to manufacturers - suggestion

If you guys don't think Japanese manufacturers listen to U.S. hams, talk to Chip Margelli, K7JA at Yaesu.

Yaesu is so interested in feedback from American hams that they assembled a board of hams of varying background to help them in picking features for new radios. A guy from this area, WW7Q is on that committee.

73,  
Tad Cook  
tad@ssc.UUCP  
KT7H @ N7HFZ

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Date: Thu, 16 Nov 89 10:46:52 CDT  
From: AXVSCCN%UICVMC.BITNET@UICVM.uic.edu (Chris Novy)  
Subject: Emergency Communications

John has made some interesting points about his bad experiences with hams in emergency communications. I feel the biggest problem is the lack of dedication of most hams to serve their communities. Most hams I've met refuse to accept formal training. My personal experience comes from SKYWARN training. The attitude I run into is..."when we're needed we'll be there..."but don't call us before that". Many feel that working a 2-3 hour shift at the yearly homecoming parade clears them of any further "community service". I put on an intensive SKYWARN training program this past January. It covered weather, communications, safety..etc. The only hams that showed up were those who were directly affiliated with our local emergency services agencies. Where were the rest? With the "me have license...me communicator" attitude that so many hams have it's no wonder that many emergency officials refuse to deal with them. My suggestion is that hams re-evaluate their traditional thinking about emergencies and start concentrating on more useful aspects --namely tactical traffic. It \*is\* just a matter of time before we see more VHF frequencies dissappear. Simply licensing more hams (greater numbers) will not provide the voice we need to maintain our ground. We need to prove our usefulness on a daily basis --not just when the big one hits. ...Chris...

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Chris Novy - WA9V                      BITNET: axvscn@uicvmc  
Southern Illinois Univ.              Internet: axvscn@uicvmc.aiss.uiuc.edu  
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   ICBM: 37.43N 89.12W  
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Date: 16 Nov 89 07:09:17 GMT  
From: gem.mps.ohio-state.edu!samsung!shadooby!mailrus!wuarchive!texbell!sequoia!  
attdso!ssc!tad@tut.cis.ohio-state.edu (Tad Cook)  
Subject: FM Parasitics....

Regarding the statement that the telephone company is required to get the radio interference out of your phones, this is not quite true.

Since the MFJ breaking up AT&T, most LECs (local exchange carriers) have not been in the business of supplying phones, or even inside wire. They just supply dialtone up to the "point of demarcation" (often the "protector" on the side of your house.

If your inside wire is picking up RF and your phones are rectifying and detecting it, this is probably YOUR responsibility.

So in the case of the campus FM station, if the transmitter is clean, then the RFI responsibility falls to the owner of the affected phones, or the private company that they have contracted with to maintain their inside wire and phone gear.

73,

Tad Cook  
tad@ssc.UUCP  
KT7H @ N7HFZ

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Date: 16 Nov 89 10:01:20 EST  
From: ERNIE.T@ENP.Prime.COM  
Subject: INFO-HAMS Digest V89 #876

please take me off the mailing list

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Date: Thu, 16 Nov 89 09:00:59 CST  
From: dube@cpdvax.csc.ti.com (DUBE TODD)  
Subject: TEST

This is a test message. Do not acknowledge.

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Date: 16 Nov 89 16:02:46 GMT  
From: price@marlin.nosc.mil (James N. Price)  
Subject: To QSL, or not to QSL?

In article <13.Nov.89.18:00:46.GMT.#2465@UK.AC.NWL.IA> PJML@IBMA.NERC-WALLINGFORD.AC.UK ("Pete Lucas, NCS-TLC 0793-411613") writes:  
>Question: Why do hams insist on QSLing? OK if you're trying for WAS or  
>something, fine. Go ahead, send off your QSL card.  
>But for every QSO with somebody just down the road?

I'm a bit of an award chaser, but I, too, am surprised by requests for my QSL. I know that JAs feel it's almost a necessary courtesy to QSL (unfortunately), but I've also gotten as many as 4 or 5

QSLs from the same station in Eu over a period of, say 3 years.

BUT--it turns out that many times people NEED the QSL. Awards are available for everything imaginable--counties, callsign suffixes, letters that spell out a phrase, etc.

My philosophy has always been: if the guy sent me a card, I'll reply because he must want mine for a reason. I say that because in pursuit of WAS on several bands, DXCC, QRP awards, and most recently WAZ, I have sent out LOTS of QSLs, but ONLY when I need a return. It may not be obvious to the guy receiving my QSL, but it is to me.

--Jim, K6ZH

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End of INFO-HAMS Digest V89 Issue #890

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